Pakdeenurit, P.¹, Suthikarnnarunai, N.², Rattanawong, W.³

Key success factor of Special Economic Zone for Thailand

¹ University of the Thai Chamber of Commerce, Bangkok, Thailand
² Logistics Engineering Department, University of the Thai Chamber of Commerce, Bangkok, Thailand
³ School of Engineering, University of the Thai Chamber of Commerce, Bangkok, Thailand

Abstract
The main purpose of this paper is to find out the key factors of the Special Economic Zone (SEZ)’s success by applying the appropriate mathematical model and using 11 variables to analyze in order to get its result. For example, some of the factors are; FDI, GDP, high-technology, R&D, Co2 and export. In the beginning, this research was tested in China and India. This same mathematical model will be tested in The USA and Thailand in the near future to guarantee its precision. However, this model shall be tested in some other countries and regions. That to make sure the assumptions and key factors are reliable, suitable and able to support the future area to come.

Author Keywords
FDI; Key success factor; Mathematical model; Special Economic Zone; Thailand

References

- Farole, T. Special economic zones: Performance, lessons learned, and implications for zone development (2008) The Multi-donor Investment Climate Advisory Service Managed (FIAS) by the International Finance Corporation (IFC) and Supported by the Multilateral Investment Guarantee Agency (MIGA) and the World Bank (IBRD), The World Bank, Washington DC


- Farole, T.
Special Economic Zones Performance, Policy and Practice-with a Focus on Sub-Saharan Africa,
International Trade Department, The World Bank, Washington D.C

- Farole, T., Kweka, J.
  *Institutional best practices for special economic zones: An application to Tanzania*

- Farole, T.
  International Trade Department, The World Bank, Washington D.C

- Bernsein, A.
  *Special economic zones: Lessons for South Africa from international evidence and local experience*
  (2012) *Edited Proceedings of a Round Table Convened by the Centre for Development and Enterprise*,
  The Centre for Development and Enterprise, Johannesburg

- Ge, W.
  *Special economic zone and technological learning: An analytical framework*

- Yuan, J.-D., Eden, L.
  *Export processing zones in Asia: A comparative study*

- Ho, O.C.H.
  *Determinants of foreign direct investment in China: A sectoral analysis*
  (2004) *School of Economics & Commerce University of Western Australia*.

- Halim, U.
  *Special Economic Zones(SEZ): Untold Agonies Experiences from Asian Countries*.

- Aradhna, A.
  *Impact of special economic zones on employment and human development*

- Tsuneishi, T.
  Institute of Developing Economics, IDE DISCUSSION PAPER No. 153

- Tsuneishi, T.
  Institute of Developing Economics, IDE DISCUSSION PAPER No. 205

- Chatterjee, S.
  (2008) *The Economics of Special Economic Zones in India: Ground Realities and Key Considerations*,
  Department of Business Economics, Social Science Research Network: SSRN, India

- Raheem, A.A.
  (2011) *Impact of Special Economic Zone(SPZ) on Human Development and Poverty Reduction: An Indian*,
  Department of Economics, The New College, University of Madras, Chennai

- (2012) *Special Economic in India*,

http://www.scopus.com/citation/print.uri?origin=recordpage&sid=&src=s&stateKey=OFD_661670388&eid=2-s2.0-84938312141&sort=&clickedLink=&vie...
November 26 [Online]. Available

- Hao, P., Sliuzas, R., Geertman, S.  
  The development and redevelopment of Urban villages in shenzhen  

- Zhu, J.  
  Changing land policy and its impact on local growth: The experience of the shenzhen special economic zone, China, in the 1980s  

- Wang, J.  
  (2010) The Economic Impact of Special Economic Zones: Evidence from Chinese Municipalities,  
  Hong Kong University of Science and Technology

- (1992) Export Processing Zones,  
  Policy and Research Series No. 20, The World Bank, Washington, DC

- Johannesburg, C.  
  (2012) Special Economic Zones Policy & Bill,  
  Town, and Durban Department of Trade & Industry, South African

- Monga, C.  
  The Structural Transformation Unit, Africa Region; and Development Economics Vice Presidency, The World Bank

  Finance and Private Sector Development Department Central America Country Management Unit Latin America and the Caribbean Region, The Worldbank

- Guo, J.  
  The effects of tax rates on foreign direct investment in China  
  School of Economic and Business Administration, Beijing Normal University, China April

- Aldaba, R.M.  
  (2010) FDI and Corporate Taxation: The Philippine Experience,  
  Philippine Institute for Development Studies

- Tung, S., Cho, S.  
  The impact of tax incentives on foreign direct investment in China  
  (2000) Journal of International Accounting, Auditing & Taxation,

- Ryazantseva, M.V.  
  (2012) Stimulation of Foreign Investments in Russian Region Economic,  
  Moscow State University of Geodesy and Cartography (MIIGAiK), Russsia

- Tang, S., Selvanathan, E.A., Selvanathan, S.  
  (2008) Foreign Direct Investment, Domestic Investment, and Economic Growth in China,  
  United Nations University, Research Paper No. 2008/19

- Ray, S.  
  (2012) Impact of Foreign Direct Investment on Economic Growth in India: A Co Integration Analysis,  
  Shyampur Siddheswari Mahavidyaya, University of Calcutta, India, Advances in Information Technology and Management (AITM)

- Chi, P.S.K., Kao, C.
Foreign investment in China: A new data set

- Wei, S., Yao, K., Liu, A.
  (2007) Foreign Direct Investment and Growth Differentials in the Chinese Regions,
The University of Nottingham, China Policy Institute

- Nelson, P.
  An analysis of the impact of foreign direct investment on the Indian economy

- Anitha, R.
  Foreign direct investment and economic growth in India

- Dang, X.
  (2008) Foreign Direct Investment in China,
  Department of Economics College of Arts and Sciences, Kansas State University, Manhattan, Kansas

- Wen, M.
  (2003) Foreign Direct Investment, Regional Geographical and Market Conditions, and Regional Development: A Panel Study on China,
  Division of Economics, RSPAS, AUN

- (2012) Doing Business 2012,
  [Online]. Available

- (2013) Doing Business 2013,
  [Online]. Available

- (2005) EViews 5.1 Command and Programming Reference,
  Quantitative Micro Software, LLC

- (2005) EView 5.1 User's Guide,
  Quantitative Micro Software, LLC

- Johnson, R.R.
  University of San Diego

- (2012) New to FTZs?,
  November 26 [Online]. Available

- (2012) Fundamentals of FTZs,
  November 26 [Online]. Available

- (2012) Potential Subzones,
  November 26 [Online]. Available

Document Type: Conference Paper
Source: Scopus